

CLAIM AMENDMENTS:

Please amend Claims 8-11, and 13 as follows.

1.-7. (Cancelled)

8. (Currently Amended) A liquid crystal apparatus, comprising:
a liquid crystal device comprising an active matrix substrate having thereon a
plurality of signal lines arranged in columns, a plurality of scanning lines arranged in rows, and
pixel electrodes each connected via a pixel switch to an intersection of the signal lines and the
scanning lines so as to supply positive and negative polarity picture signals to the pixel electrodes
via the signal lines, a counter substrate disposed opposite to the active matrix substrate, and a
liquid crystal disposed between the active matrix substrate and the counter substrate, and
drive means for driving the liquid crystal device, wherein said drive means
includes:
a first common signal line for supplying the positive polarity picture signals of
one polarity to each of the plurality of signal lines,
a second common signal line for supplying the negative polarity picture signals of
the other polarity to each of the plurality of signal lines,
a first transfer switch for connecting [[a]] one signal line with the first common
signal line for selectively supplying the positive polarity picture signals of one polarity to the one
signal line, and

a second transfer switch for connecting the one signal line with the second common signal line for selectively supplying the negative polarity picture signals of the other polarity to the one signal line, wherein the one signal line is connected to the first transfer switch and the second transfer switch, and

column inversion drive means for:

in a first frame, selectively turning on the first transfer switch for the one signal line, and in a second frame, selectively turning on the second transfer switch for the one signal line.

9. (Currently Amended) A liquid crystal apparatus, comprising:

a liquid crystal device comprising an active matrix substrate having thereon a plurality of signal lines arranged in columns, a plurality of scanning lines arranged in rows, and pixel electrodes each connected via a pixel switch to an intersection of the signal lines and the scanning lines so as to supply positive and negative polarity picture signals to the pixel electrodes via the signal lines, a counter substrate disposed opposite to the active matrix substrate, and a liquid crystal disposed between the active matrix substrate and the counter substrate, and

drive means for driving the liquid crystal device, wherein said drive means includes:

a first common signal line for supplying the positive polarity picture signals of one polarity to each of the plurality of signal lines,

a second common signal line for supplying the negative polarity picture signals of the other polarity to each of the plurality of signal lines,

a first transfer switch for connecting [[a]] one signal line of the plurality of signal lines with the first common signal line for selectively supplying the positive polarity picture signals of one polarity to the one signal line, and

a second transfer switch for connecting [[a]] the one signal line with the second common signal line for selectively supplying the negative polarity picture signals of the other polarity to the one signal line, wherein the one signal line is connected to the first transfer switch and the second transfer switch, and

dot inversion drive means for:

in a first frame, selectively turning on the first transfer switch for the one signal line at a first timing, and selectively turning on the second transfer switch for the one signal line at a second timing different from the first timing; and

in a second frame, selectively turning on the second transfer switch for the one signal line at a third timing, and selectively turning on the first transfer switch for the one signal line at a fourth timing different from the third timing.

10. (Currently Amended) A liquid crystal apparatus according to Claim 8 or 9, wherein the first transfer switch comprises a first transistor of a first conductivity type and the second transfer switch comprises a second transistor of a second conductivity type different from the first conductivity type.

11. (Currently Amended) A liquid crystal apparatus according to Claim 8 or 9, further comprising picture signal-supplying means including a first and second picture

signal-generating means for generating positive polarity picture signals and negative polarity picture signals, respectively; supplied to the first and second common signal lines, respectively; and second picture signal-generating means for generating the negative polarity picture signals supplied to the second common signal line, wherein the first picture signal generating means generates the positive polarity picture signals in a range between a highest voltage and a central voltage supplied to the pixel electrodes; the second picture signal-generating means generates the negative polarity picture signals in a range between the central voltage and a lowest voltage supplied to the pixel electrodes; the first and second picture signal-generating means [[are]] is operated at different supply voltages; the supply voltages for the first supply voltage and the second picture signal-generating means is operated at the second supply voltage different from the first supply voltage; the first supply voltages are set to be the highest voltage + α and the central voltage - α ; and the second supply voltages for the second picture signal-generating means are set to be the central voltage + α and the lowest voltage - α , wherein α denotes a voltage lowering margin due to an internal resistance in the picture signal-generating means.

12. (Original) A liquid crystal apparatus according to Claim 11, wherein α is in the range of 0 volt to 1 volt.

13. (Currently Amended) A liquid crystal apparatus according to Claim [[8]] 11, wherein the first and second transfer switches and picture signal-supplying means are disposed on a common substrate with the active matrix substrate.

14. (Original) A liquid crystal apparatus according to Claim 13, wherein the active matrix substrate comprises an insulating substrate.

15. (Original) A liquid crystal apparatus according to Claim 13, wherein the active matrix substrate comprises a single crystal substrate.